Recovery Kernel

[redacted]: [redacted]

[redacted] [redacted]

[redacted] [redacted]
[redacted]: [redacted] [redacted] [redacted]
[redacted] [redacted] [redacted]
[redacted] [redacted] —
[redacted] [redacted]
[redacted] [redacted] (MAT) [redacted]
[redacted]

[redacted] 0 — [redacted]: [redacted] [redacted]

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[redacted]	[redacted]	[redacted]	[redacted]
([redacted] [redacted] [redacted])	[redacted] [redacted] [redacted]

[redacted]	[redacted]	[redacted]	[redacted]
	[redacted] ([redacted] [redacted]) [redacted]	[redacted]	[redacted] [redacted] (Grade 9) [redacted] [redacted] [redacted]
[redacted] 6-18+	[redacted] [redacted] mu-opioid [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]	[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]; [redacted] PAWS [redacted] [redacted]; [redacted] [redacted] [redacted]	[redacted] [redacted] [redacted] [redacted] 12-18 [redacted] [redacted] [redacted] [redacted] [redacted] MAT [redacted]

[redacted] 3 — [redacted]

[redacted] mu-opioid [redacted] [redacted] 12-18 [redacted] [redacted] [redacted] [redacted] [redacted] (PAWS) [redacted] 18-24 [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

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[illegible]	[illegible]	[illegible]
		[illegible] MAT
CYP3A4	[illegible]	[illegible] MAT [illegible] CYP3A4 — [illegible] ([illegible]) — [illegible] CYP3A4 [illegible] MAT [illegible]
ABCB1 ([illegible]-[illegible])	[illegible]	[illegible] — [illegible] (MAT)
DRD2 (Taq1A, A1 allele)	[illegible] D2	[illegible] 30% [illegible] A1 — [illegible] OPRM1 G-allele [illegible] — [illegible]
COMT	[illegible]	[illegible] — [illegible] COMT [illegible]

[illegible]	[illegible]	[illegible]
		[illegible] (Chapter 6) [illegible]
MTHFR	[illegible] — [illegible]	[illegible] [illegible] 5-MTHF [illegible]
GABRA2	[illegible]-2 [illegible] [illegible] GABA-A — [illegible]	[illegible] [illegible] [illegible]: [illegible] GABA [illegible] [illegible] (Chapter 5/[illegible] [illegible]) [illegible]

COMT [illegible]

COMT [illegible] [illegible] — [illegible] [illegible] [illegible]

COMT Profile	[illegible]	[illegible]
[illegible]/[illegible] ('[illegible]') — [illegible], [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible]

COMT Profile	[illegible]	[illegible]
		[illegible] HPA [illegible]
[illegible] (Val/Met)	[illegible]	[illegible]—[illegible]—[illegible]

GABRA2 [illegible] '[illegible]'

[illegible] GABRA2 [illegible] [illegible]-[illegible] Compendium [illegible] — [illegible] GABRA2 [illegible] COMT Met/Met — [illegible] '[illegible]' [illegible]: [illegible] (COMT) [illegible] (GABRA2) [illegible]

⚠ [illegible]

[illegible] — [illegible] — [illegible]: [illegible] GABA [illegible] — [illegible] GABA [illegible] Recovery Kernel [illegible]—[illegible]

[illegible]

- [illegible]? → [illegible] OPRM1 G-allele [illegible] ABCB1 [illegible] CYP2D6 [illegible]
- [illegible]? → [illegible] OPRM1 [illegible] ([illegible] 9) [illegible]

- [redacted] → [redacted] COMT [redacted] [redacted] — [redacted] 6
- [redacted]? → [redacted] DRD2 [redacted] MTHFR [redacted]

[redacted] 6 — [redacted]

[redacted]	[redacted]
[redacted]	[redacted]
[redacted]	[redacted]
[redacted]/[redacted]	[redacted] Recovery Kernel [redacted]

[illegible]

[illegible] — [illegible]

[illegible]	[illegible]	[illegible]
[illegible] ([illegible])	[illegible] ([illegible]) [illegible]	[illegible] ([illegible] 2-4 [illegible]) [illegible] — [illegible] ([illegible] MAT, [illegible] 8)
[illegible] ER (OxyContin) [illegible]	[illegible]	[illegible] 10-25% [illegible] 1-4 [illegible] — [illegible]
[illegible] ([illegible])	[illegible] SSRI/SNRI	[illegible] ([illegible]) [illegible] — [illegible]
[illegible] (Nucynta)	[illegible] — [illegible] mu-opioid agonist [illegible] norepinephrine reuptake	[illegible] — [illegible]

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	inhibitor □□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□

- [illegible]
- [illegible]
- [illegible] — [illegible] (Mat, [illegible]) [illegible]

[illegible]

[illegible]—[illegible]—[illegible]

[illegible] 7 — [illegible]

[illegible]	[illegible]	[illegible]	[illegible]
1 — [illegible], [illegible], [illegible]	[illegible]	[illegible] — [illegible] 1-2	[illegible] [illegible] MAT
2 — [illegible]	[illegible]	[illegible] — [illegible]	[illegible] [illegible] MAT
3 — [illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] 24 [illegible]		[illegible] [illegible] MAT [illegible] [illegible] [illegible] [illegible] [illegible]
4 — [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] — [illegible] [illegible] MAT [illegible] 8 [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible]

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[illegible] [illegible] [illegible] Recovery Kernel [illegible] [illegible] — [illegible] ([illegible] HPA) [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible]

[illegible] 10 — [illegible] ([illegible])

[illegible] [illegible]

[illegible] 1669 [illegible] Naloxone [illegible]: [illegible] — [illegible] [illegible] — [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible] 0 [illegible] ([illegible] 6) [illegible] [illegible]

[illegible] 11 — [illegible]

[illegible]	[illegible]
[illegible] Recovery Kernel [illegible] [illegible] [illegible] 3	[illegible] 8 [illegible] (MAT) [illegible]
Recovery Kernel [illegible] [illegible]	[illegible] 6 — [illegible], [illegible] Naloxone [illegible] [illegible] [illegible]
[illegible] Recovery Kernel [illegible] [illegible] [illegible] [illegible] 5	[illegible] [illegible] 6
[illegible] 14 ([illegible])	[illegible] 6 [illegible] [illegible]
[illegible] 05 ([illegible] [illegible])	[illegible] [illegible] — [illegible] [illegible] [illegible] [illegible]
[illegible]-[illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] 5: GABRA2 + COMT Met/Met ('[illegible] [illegible]') [illegible] P06, P09, P10, P21; GABRA2 [illegible] P01, P06, P20; GABRA2 + MTHFR ('[illegible]-[illegible]') [illegible] P06, P07, P11, P21. [illegible] [illegible]
Recovery Kernel [illegible] [illegible] 8 ([illegible] [illegible])	[illegible] [illegible] 9 — [illegible] [illegible] [illegible] [illegible]
Compendium Protocol 20, 21,	[illegible] 1-6 ([illegible] 2)

[illegible]	[illegible]
C-28 ([illegible])	[illegible] — [illegible]
Recovery Kernel [illegible]	[illegible] [illegible] (MAT) [illegible] — [illegible]

[illegible] 12 — [illegible]

[illegible]

[illegible] — MAT [illegible] [illegible] [illegible]